

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
6 January 2005 (06.01.2005)

PCT

(10) International Publication Number
WO 2005/001737 A1

(51) International Patent Classification⁷: G06F 19/00

(21) International Application Number:
PCT/KR2004/001430

(22) International Filing Date: 15 June 2004 (15.06.2004)

(25) Filing Language: Korean

(26) Publication Language: English

(30) Priority Data:

10-2003-0043552 30 June 2003 (30.06.2003) KR

10-2003-0098915 29 December 2003 (29.12.2003) KR

10-2003-0098911 29 December 2003 (29.12.2003) KR

10-2004-0016977 12 March 2004 (12.03.2004) KR

10-2004-0016979 12 March 2004 (12.03.2004) KR

10-2004-0036549 21 May 2004 (21.05.2004) KR

(71) Applicant and

(72) Inventor: JUNG, Kyong-Ja [KR/KR]; 3427, Sangdae-won-Dong, Jungwon-Gu, Seongnam-Si, Kyonggi-Do 462-120 (KR).

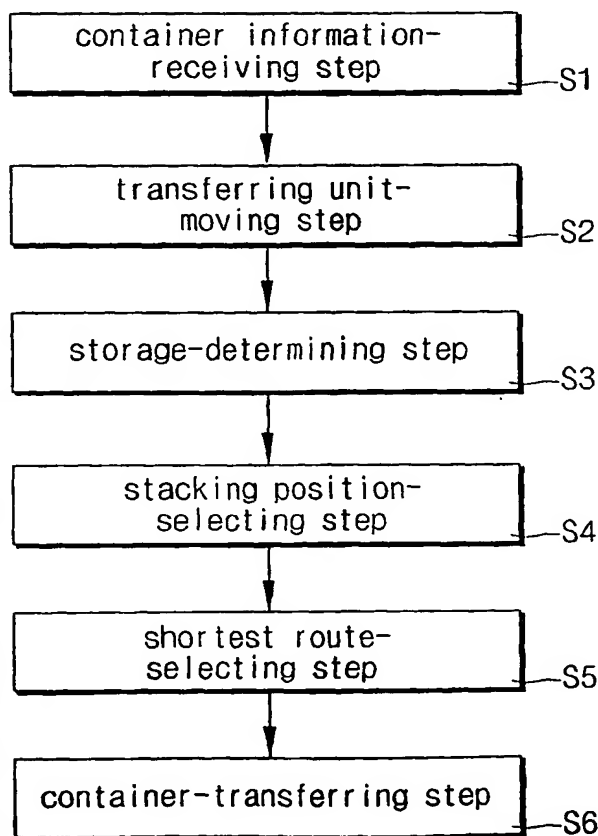
(74) Agent: L & K PATENT FIRM; 701, Daekun Bldg., 822-5 Yeoksam-Dong, Kangnam-Gu, Seoul 135-080 (KR).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,

[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR STORAGING AND TRANSFERRING CONTAINERS



(57) Abstract: An integrated container handling system comprises the steps of: receiving container information generated by an unloading means while unloading stacked containers in a container ship; transporting and moving a transporting means to an unloading means which includes outgoing container information so that the container can be loaded; judging whether or not to store the loaded container by the transport means by analyzing the information of the received container or to output the container by moving it by a gate means; and transporting a container by moving the transport means to a selected location according to whether or not it will be stored.

WO 2005/001737 A1



ZW). Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

— *with international search report*